

CLAIMS

Now, therefore, at least the following is claimed:

- 1 1. An interface system for monitoring a number of channels in a
2 communications system having at least one group of a number of nodes, each node
3 having a number of channels, the interface system comprising:
4 a processor electrically coupled to a local interface;
5 a memory electrically coupled to the local interface;
6 a display device electrically coupled to the local interface; and
7 warning interface logic stored on the memory and executable by the
8 processor, the warning interface logic including:
9 logic to generate a channel percent advisory indicator on the
10 display device within a channel level interface component upon an occurrence
11 of an advisory event in a channel associated therewith; and
12 logic to generate a channel critical alarm indicator on the display
13 device within a channel level interface component upon an occurrence of a
14 critical event in a channel associated therewith.
- 1 2. The system of claim 1, wherein the warning interface logic further
2 comprises logic to generate a group percent advisory indicator on the display device in,
3 a group level interface component associated with the at least one group upon an
4 occurrence of an advisory event in a channel associated with the at least one group.
- 1 3. The system of claim 1, wherein the warning interface logic further
2 comprises logic to generate a node percent advisory indicator on the display device in a
3 node level interface component associated with one of the nodes upon an occurrence
4 of an advisory event in a channel associated with the one of the nodes.

1 4. The system of claim 1, wherein the warning interface logic further
2 comprises logic to generate a group critical alarm indicator on the display device in a
3 group level interface component associated with the at least one group upon an
4 occurrence of a critical event in a channel associated with the at least one group.

1 5. The system of claim 1, wherein the warning interface logic further
2 comprises logic to generate a node critical alarm indicator on the display device in a
3 node level interface component associated with one of the nodes upon an occurrence
4 of a critical event in a channel associated with the one of the nodes.

1 6. An interface system for monitoring a number of channels in a
2 communications system having at least one group of a number of nodes, each node
3 having a number of channels, the interface system comprising:
4 means for generating a channel percent advisory indicator on a display
5 device within a channel level interface component upon an occurrence of an advisory
6 event in a channel associated therewith; and
7 means for generating a channel critical alarm indicator on the display
8 device within a channel level interface component upon an occurrence of a critical
9 event in a channel associated therewith.

1 7. The system of claim 6, further comprising means for generating a group
2 percent advisory indicator on the display device in a group level interface component
3 associated with the at least one group upon an occurrence of an advisory event in a
4 channel associated with the at least one group.

1 8. The system of claim 6, further comprising means for generating a node
2 percent advisory indicator on the display device in a node level interface component
3 associated with one of the nodes upon an occurrence of an advisory event in a channel
4 associated with the one of the nodes.

1 9. The system of claim 6, further comprising means for generating a group
2 critical alarm indicator on the display device in a group level interface component
3 associated with the at least one group upon an occurrence of a critical event in a
4 channel associated with the at least one group.

1 10. The system of claim 6, further comprising means for generating a node
2 critical alarm indicator on the display device in a node level interface component
3 associated with one of the nodes upon an occurrence of a critical event in a channel
4 associated with the one of the nodes.

1 11. An interface method for monitoring a number of channels in a
2 communications system having at least one group of a number of nodes, each node
3 having a number of channels, the interface method comprising the steps of:
4 generating a channel percent advisory indicator on a display device
5 within a channel level interface component upon an occurrence of an advisory event in
6 a channel associated therewith; and
7 generating a channel critical alarm indicator on the display device within
8 a channel level interface component upon an occurrence of a critical event in a channel
9 associated therewith.

1 12. The method of claim 11, further comprising the step of generating a
2 group percent advisory indicator on the display device in a group level interface
3 component associated with the at least one group upon an occurrence of an advisory
4 event in a channel associated with the at least one group.

1 13. The method of claim 11, further comprising the step of generating a
2 node percent advisory indicator on the display device in a node level interface
3 component associated with one of the nodes upon an occurrence of an advisory event
4 in a channel associated with the one of the nodes.

1 15. The method of claim 11, further comprising the step of generating a
2 node critical alarm indicator on the display device in a node level interface component
3 associated with one of the nodes upon an occurrence of a critical event in a channel
4 associated with the one of the nodes.